



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandtia, Virginia 22313-1450 www.usplo.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

7590

01/02/2004

NIXON & VANDERHYE P.C. 8th Floor 1100 North Glebe Road Arlington, VA 22201-4714

EXAMINER			
DOUGHER	RTY, THOMAS M		
ART UNIT	PAPER NUMBER		
2834			

DATE MAILED: 01/02/2004

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/053,576	01/24/2002	Shigeaki Tomonari	249-245	4065

TITLE OF INVENTION: SEMICONDUCTOR DEVICE

APPLN, TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1330	\$300	\$1630	04/02/2004

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status is changed, pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above and notify the United States Patent and Trademark Office of the change in status, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check the box below and enclose the PUBLICATION FEE and 1/2 the ISSUE FEE shown above.

 Applicant claims SMALL ENTITY status. See 37 CFR 1.27.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE **Commissioner for Patents** P.O. Box 1450

					Alexandria, Virg	inia 22313-1450	
			or <u>F</u>		(703) 746-4000		
INSTRUCTIONS: This for appropriate. All further con indicated unless corrected t maintenance fee notification	m should be used for tran respondence including the below or directed otherwise is.	smitting the ISSU Patent, advance or in Block 1, by (a	JE FEE and F ders and notif a) specifying a	PUBLIC fication new co	ATION FEE (if requi of maintenance fees w orrespondence address;	red). Blocks 1 through 4 s vill be mailed to the current and/or (b) indicating a sepa	hould be completed where correspondence address as trate "FEE ADDRESS" for
***	E ADDRESS (Note: Legibly mark-ո	with any corrections or	use Block 1)		Note: A certificate of	mailing can only be used for	or domestic mailings of the
7590 01/02/2004			Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.				
						•	
NIXON & VANI	JERHYE P.C.				Cer I hereby certify that th	tificate of Mailing or Trans is Fee(s) Transmittal is being	mission g deposited with the United
8th Floor 1100 North Glebe I	Road				States Postal Service v	is Fee(s) Transmittal is bein with sufficient postage for fir Stop ISSUE FEE address	st class mail in an envelope
Arlington, VA 2220					transmitted to the USP	TO, on the date indicated bel	ow.
							(Depositor's name)
							(Signature)
					<u> </u>		(Date)
		•					
APPLICATION NO.	FILING DATE		FIRST NAMED	INVEN	TOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/053,576	01/24/2002		Shigeaki T	Fomonai	ni	249-245	4065
TITLE OF INVENTION: SI	EMICONDUCTOR DEVIC	E					
:	•						
APPLN. TYPE	SMALL ENTITY	ISSUE F	EE PUBLICATION FEE		JBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1330	Ó		\$300	\$1630	04/02/2004
EXAM	IINER	ART UN	NIT CLASS-SUBCLASS				
DOUGHERTY	, THOMAS M	2834	310-307000		310-307000		
1. Change of correspondence	e address or indication of "F	ee Address" (37	2. For prin	ting on	the patent front page,	list (1) the	
CFR 1.363).					3 registered patent at		
☐ Change of corresponde Address form PTO/SB/12	ence address (or Change of (22) attached.	Correspondence	firm (havii	ng as a	atively, (2) the name member a registered	attorney or 2	
U "Fee Address" indication (or "Fee Address" Indication form PTO/SR/47: Rev 03-02, or more recent) attached. Use of a Customer attorney			or agent	ne names of up to 2 registered patent agents. If no name is listed, no name d.			
3. ASSIGNEE NAME AND	RESIDENCE DATA TO E	E PRINTED ON T	THE PATENT	orint c	or tyne)		
PLEASE NOTE: Unless been previously submitted	an assignee is identified be d to the USPTO or is being	low, no assignee d submitted under se	ata will appea parate cover. (r on the Complet	patent. Inclusion of a tion of this form is NO	ssignee data is only appropris a substitute for filing an ass	ate when an assignment has ignment.
(A) NAME OF ASSIGNI	EE	(В	s) RESIDENC	E: (CII	Y and STATE OR CO	JNIRY)	•
Please check the appropriate			-		☐ individual ☐ c	orporation or other private gr	oup entity U government
4a. The following fee(s) are	enclosed:	45	. Payment of l	` '			
☐ Issue Fee					ount of the fee(s) is end		4.
☐ Publication Fee	a :		•	•	card. Form PTO-2038		124
Advance Order - # of	Copies		Deposit Acco	ount Nu	mber	narge the required fee(s), or (enclose an extra c	opy of this form).
Director for Patents is reques	sted to apply the Issue Fee a	nd Publication Fee	(if any) or to	re-apply	any previously paid is	ssue fee to the application ide	ntified above.
(Authorized Signature)		(Date)					
					· .		•
NOTE; The Issue Fee and other than the applicant;	d Publication Fee (if requir a registered attorney or ag cords of the United States Pa	ed) will not be ac ent; or the assign	cepted from a	inyone arty in			
interest as shown by the re-	cords of the United States Pa	atent and Trademar	k Office.]		

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.

SEND TO: Commissioner for Patents, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box, 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

FIRST NAMED INVENTOR ATTORNEY DOCKET NO. CONFIRMATION NO. APPLICATION NO. FILING DATE 01/24/2002 Shigeaki Tomonari 249-245 4065 10/053,576 01/02/2004 **EXAMINER** DOUGHERTY, THOMAS M NIXON & VANDERHYE P.C. 8th Floor PAPER NUMBER ART UNIT 1100 North Glebe Road 2834 Arlington, VA 22201-4714

DATE MAILED: 01/02/2004

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 0 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 0 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) system (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (703) 305-1383. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.